Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027477.D
Acq On : 06 Oct 2018 00:35
Operator : MD/SY
Sample : J5205-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Quant Time: Oct 06 02:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	107056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	185341	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	103176	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.44%			
35) Dibromofluoromethane	4.89	113	73123	57.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.14%			
50) Toluene-d8	7.57	98	285133	59.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.96%			
62) 4-Bromofluorobenzene	10.31	95	104806	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.64%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	534	0.256	ug/l #	42
6) Chloroethane	1.78	64	717	0.607	ug/l #	44
11) Tert butyl alcohol	2.84	59	116	0.308	ug/l #	72
14) Allyl chloride	2.71	41	1449	0.540	ug/l #	26
16) Acetone	2.32	43	8442	7.994	ug/l	99
18) Methyl Acetate	2.62	43	2821	1.171	ug/l	95
20) Methylene Chloride	2.70	84	28092	19.096	ug/l	97
25) 2-Butanone	4.29	43	1057	0.734	ug/l #	54
29) Tetrahydrofuran	4.66	42	298	0.328	ug/l #	39
31) Cyclohexane	4.99	56	2576	0.664	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9087	4.516	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10992	6.047	ug/l #	18
43) Isopropyl Acetate	5.55	43	115137	28.504	ug/l	99
48) Methyl methacrylate	6.71	41	9874	4.916	ug/l #	46
51) 4-Methyl-2-Pentanone	7.47	43	668	0.254	ug/l #	73
54) cis-1,3-Dichloropropene	7.42	75	526	0.211	ug/l #	61
56) Ethyl methacrylate	7.84	69	65	2.295	ug/l #	1
59) 2-Hexanone	8.42	43	7524	3.695	ug/l #	51
70) Styrene	9.80	104	112	2.324	ug/l #	24
76) 1,2,3-Trichloropropane	10.31	75	55072	21.749	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	55072	56.920	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1703	0.289	ug/l	96
89) n-Butylbenzene	11.90	91	239	1.985	ug/l	69
90) Hexachloroethane	12.36	117	386	0.340	ug/l #	12
95) Naphthalene	13.75	128	14424	3.548	ug/l #	95

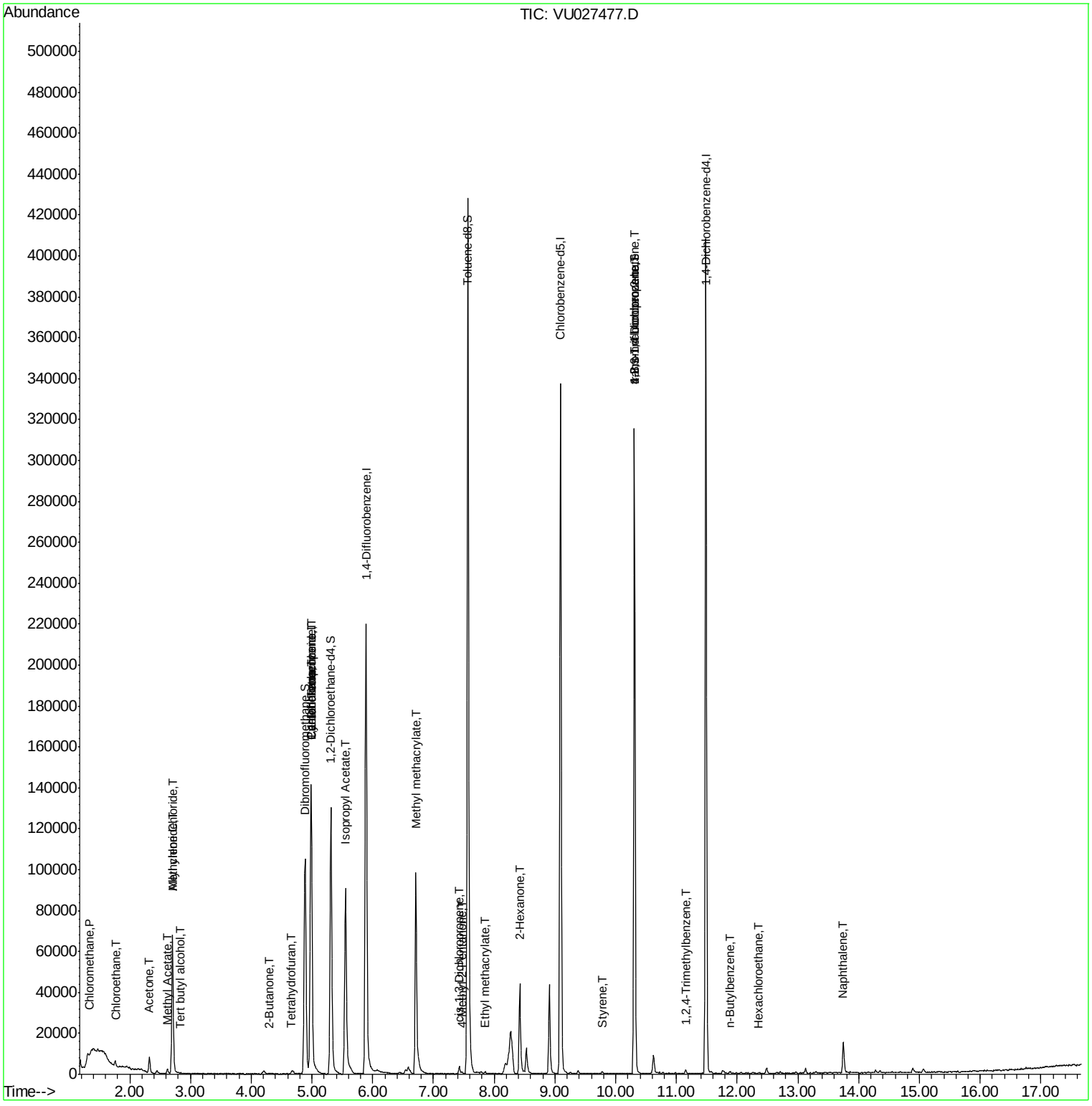
(#) = qualifier out of range (m) = manual integration (+) = signals summed

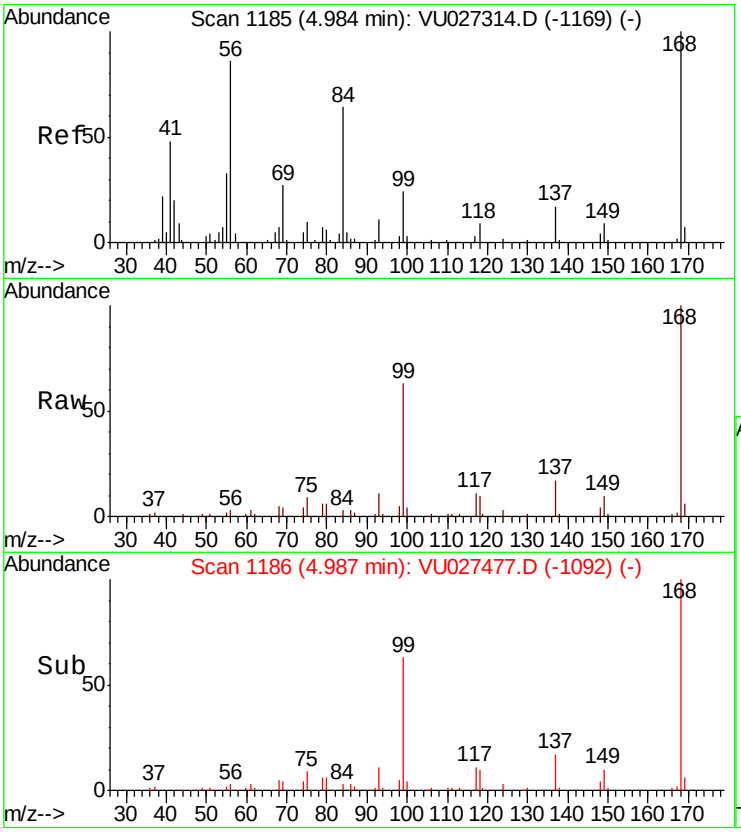
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027477.D
Acq On : 06 Oct 2018 00:35
Operator : MD/SY
Sample : J5205-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TR-05-100418

Quant Time: Oct 06 02:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



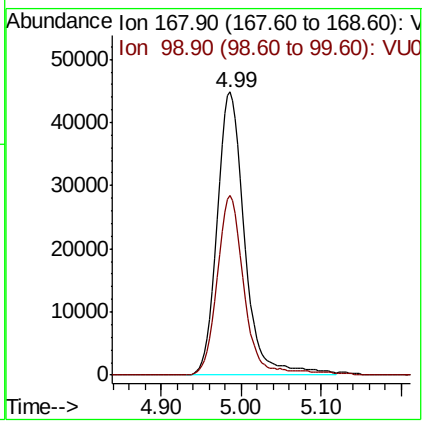


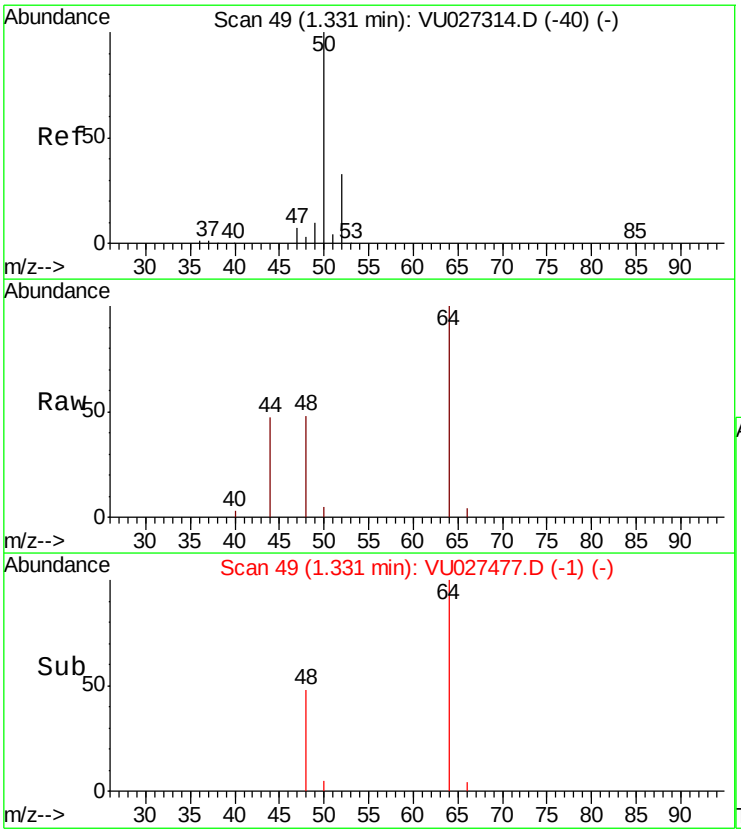
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument :
MSVOA_U
ClientSampleId :
TR-05-100418

Tgt Ion:168 Resp: 107056

Ion	Ratio	Lower	Upper
168	100		
99	63.3	50.8	76.2

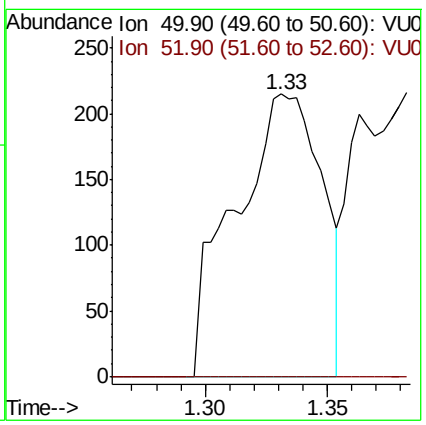


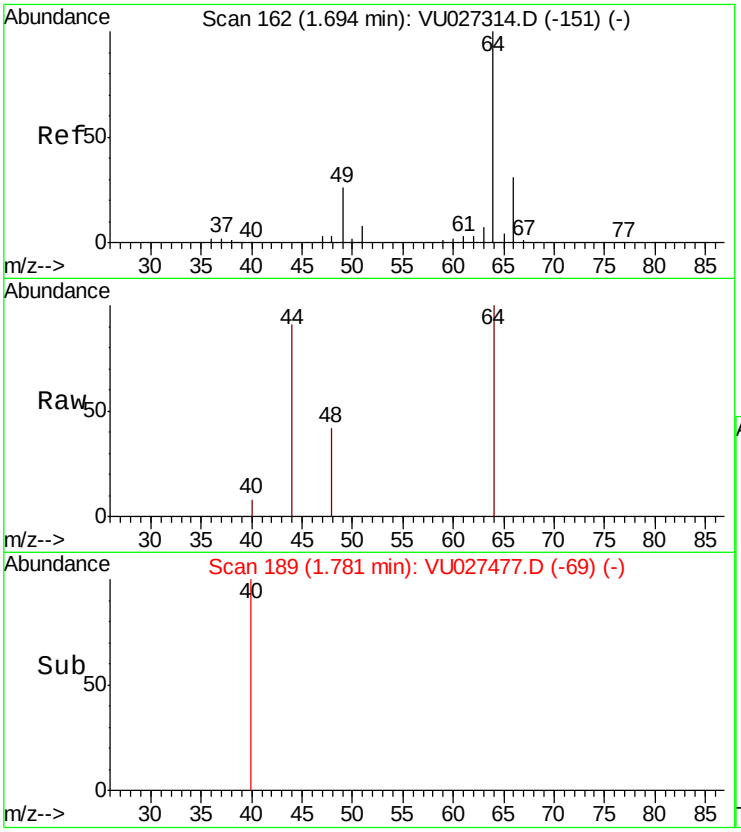


#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 50 Resp: 534

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



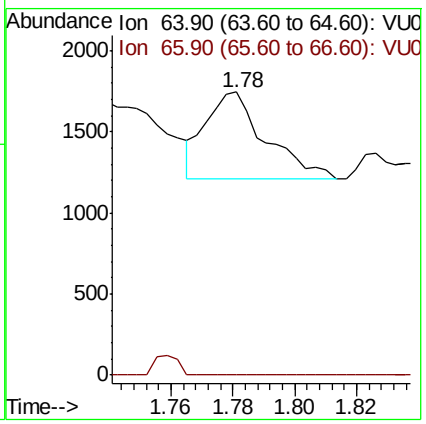


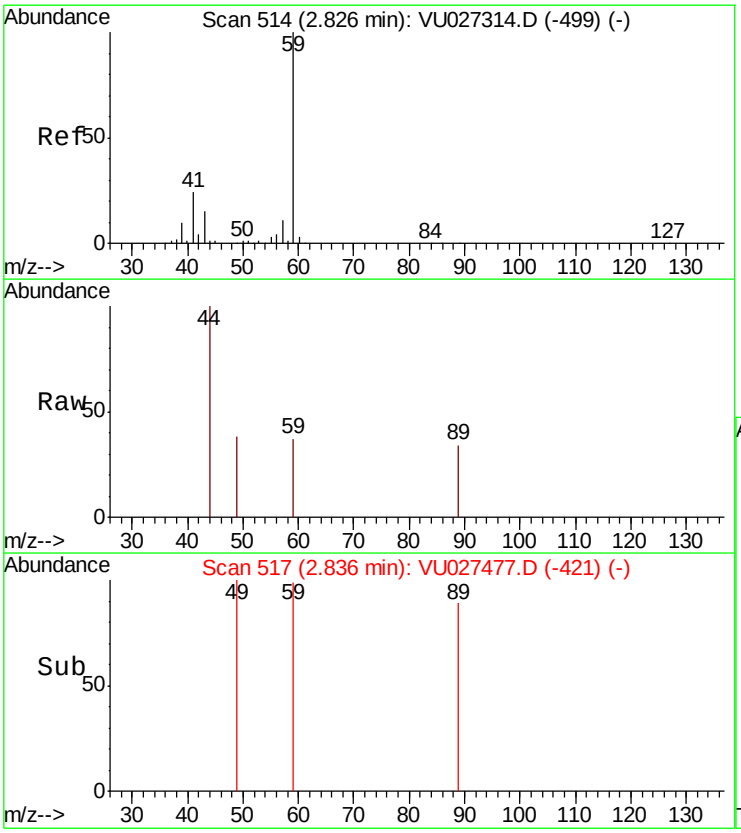
#6
Chloroethane
Concen: 0.607 ug/l
RT: 1.78 min Scan# 189
Delta R.T. 0.09 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 64 Resp: 717

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

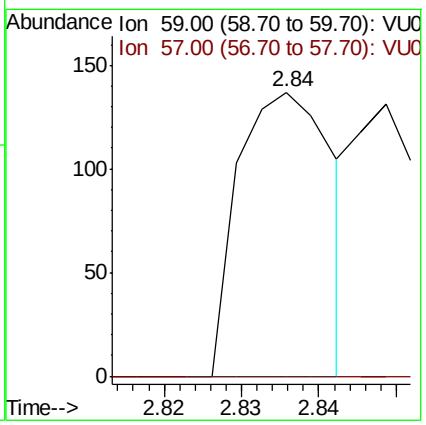


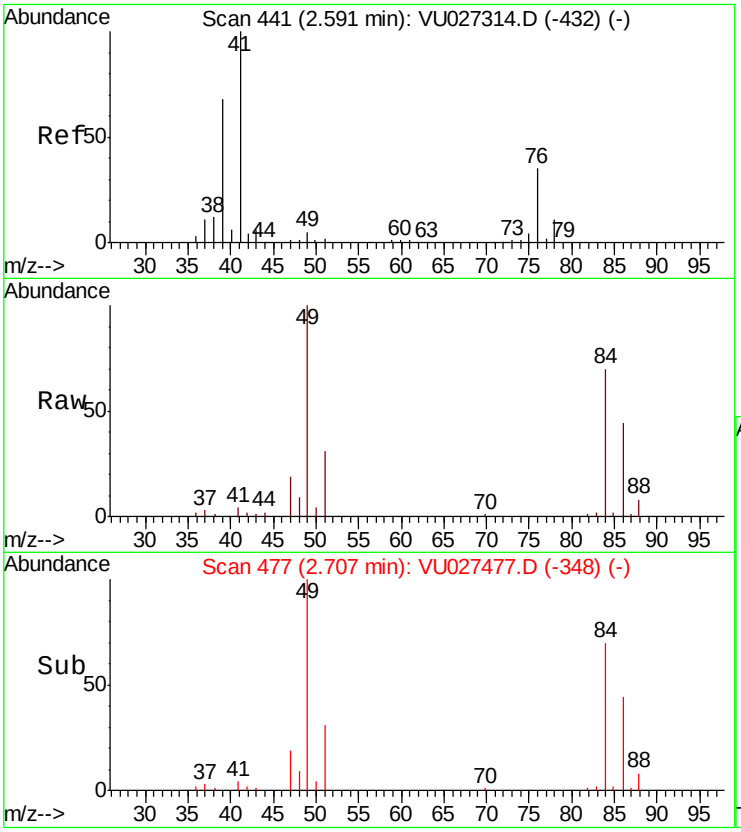


#11
Tert butyl alcohol
Concen: 0.308 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 59 Resp: 116

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



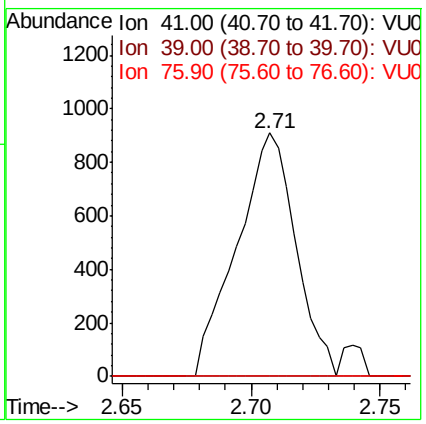


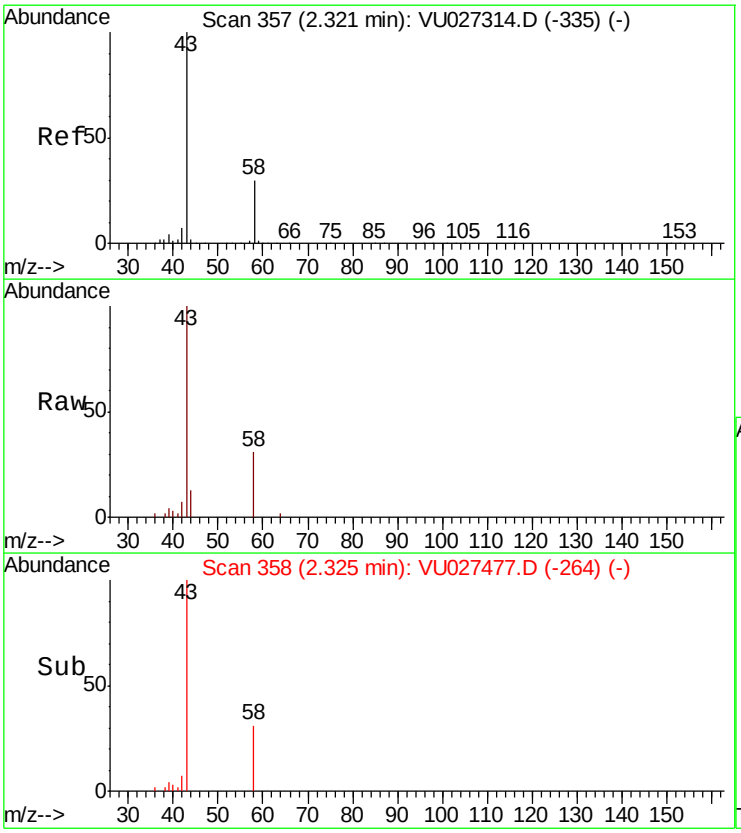
#14
Allyl chloride
Concen: 0.540 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.12 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 41 Resp: 1449

Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.8	77.8#
76	0.0	25.9	38.9#

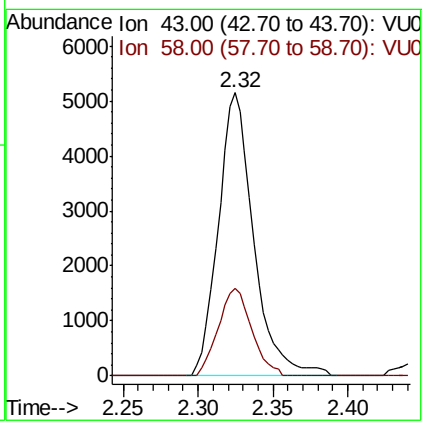


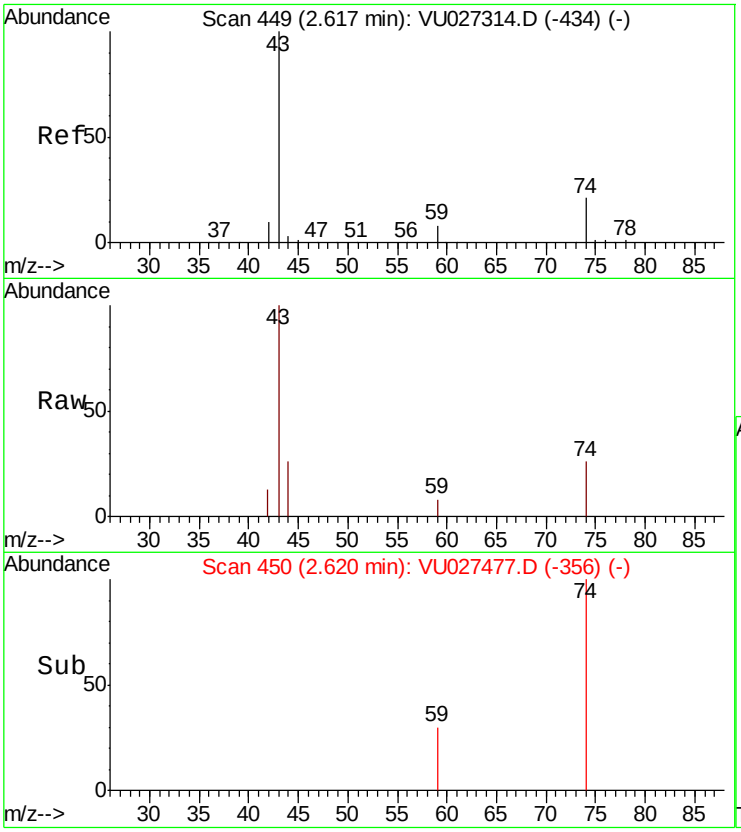


#16
Acetone
Concen: 7.994 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 43 Resp: 8442

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.2	36.4



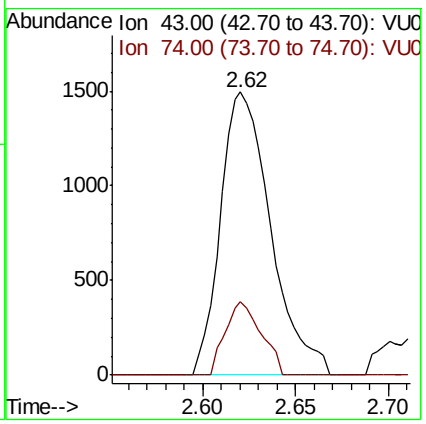


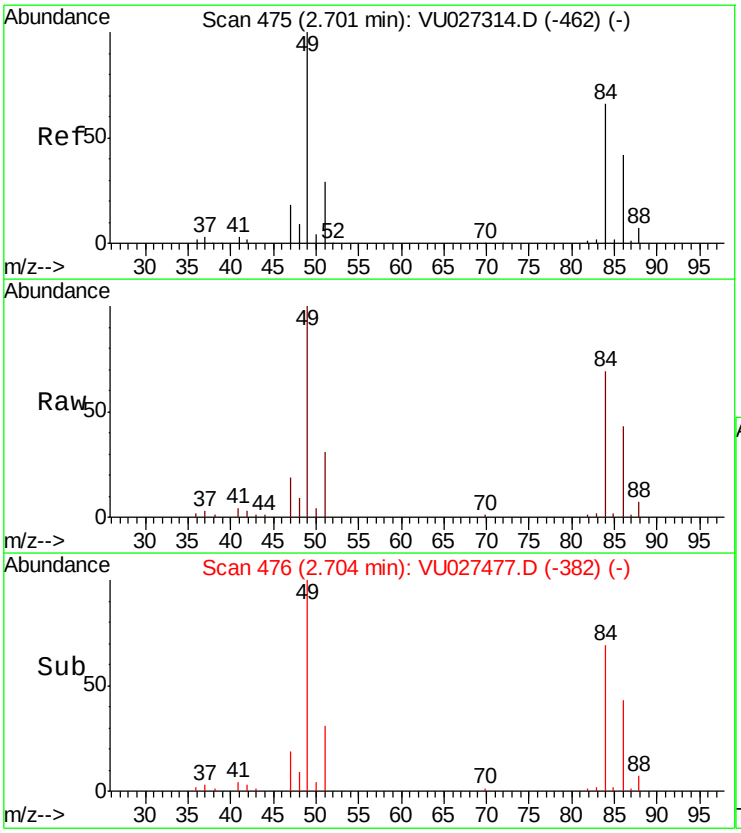
#18
Methyl Acetate
Concen: 1.171 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 43 Resp: 2821

Ion	Ratio	Lower	Upper
43	100		
74	18.5	16.5	24.7

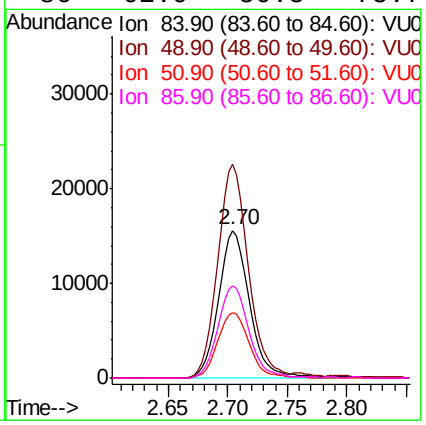


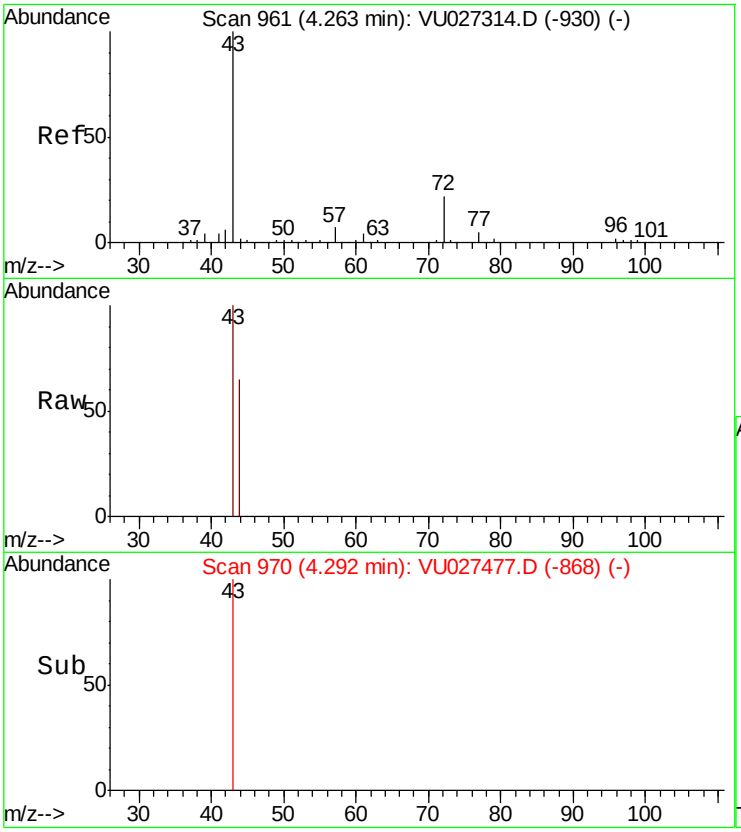


#20
Methylene Chloride
Concen: 19.096 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 84 Resp: 28092

Ion	Ratio	Lower	Upper
84	100		
49	145.1	120.5	180.7
51	44.4	35.1	52.7
86	62.9	50.5	75.7



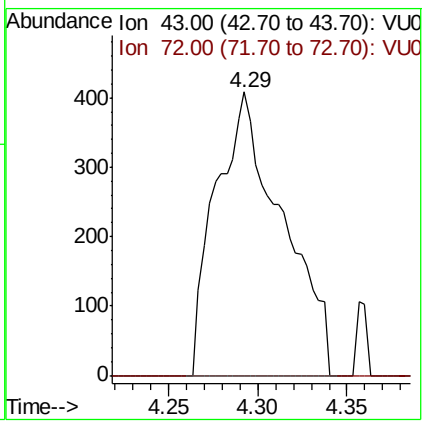


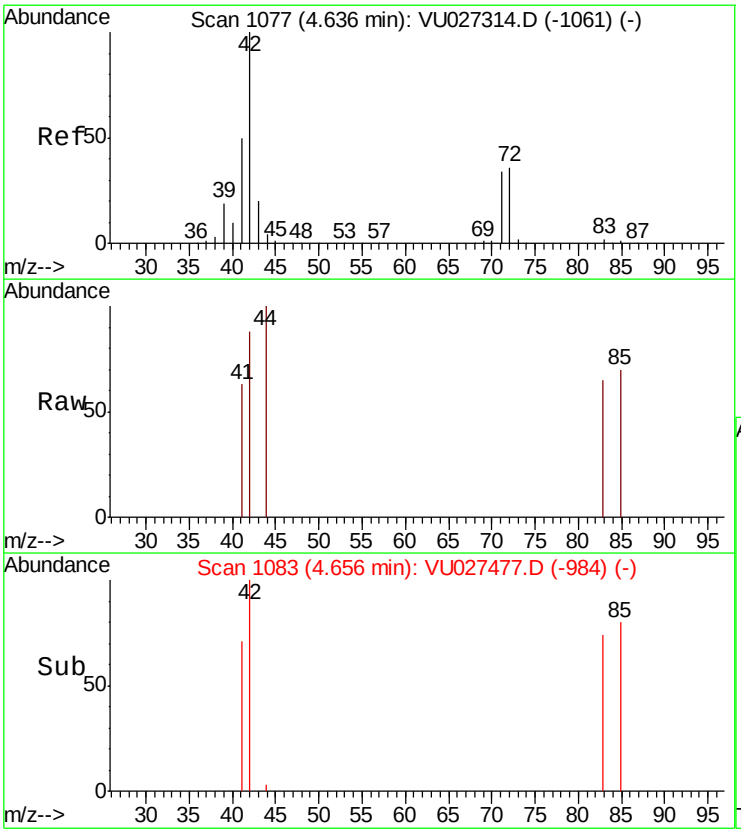
#25
2-Butanone
Concen: 0.734 ug/l
RT: 4.29 min Scan# 970
Delta R.T. 0.03 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 43 Resp: 1057

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.6#

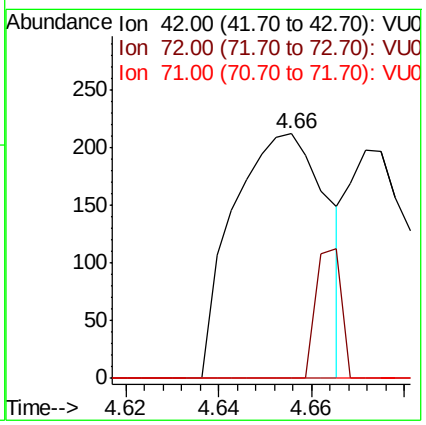


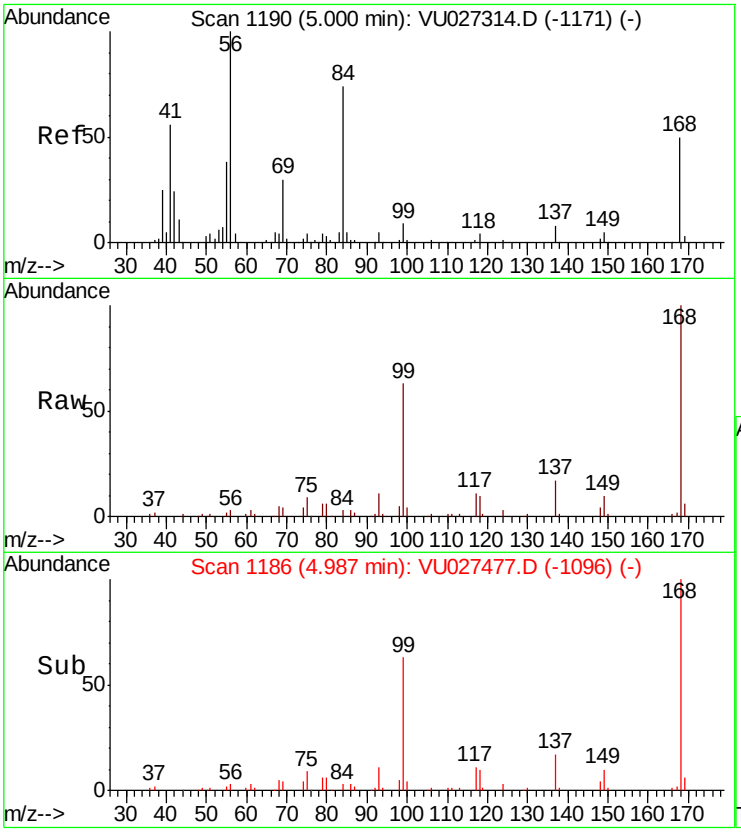


#29
Tetrahydrofuran
Concen: 0.328 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 42 Resp: 298

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.1	45.1#
71	0.0	27.7	41.5#



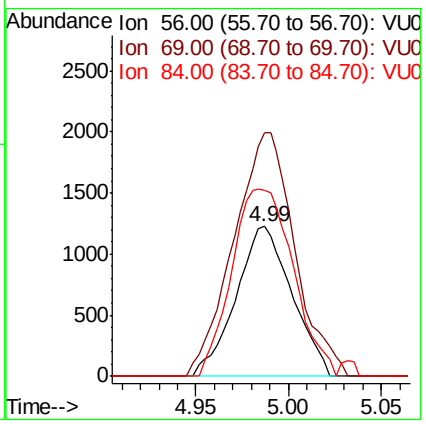


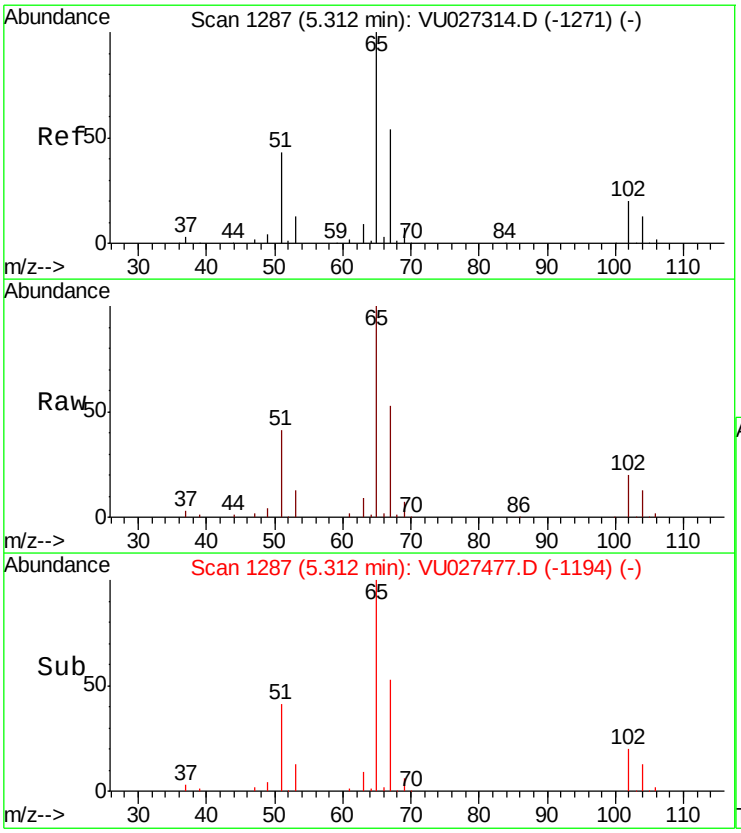
#31
Cyclohexane
Concen: 0.664 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 56 Resp: 2576

Ion	Ratio	Lower	Upper
56	100		
69	162.5	24.1	36.1#
84	124.1	59.1	88.7#

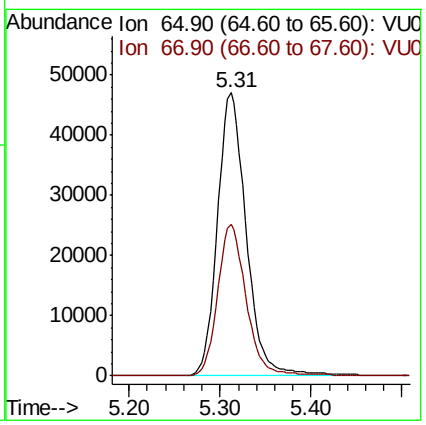


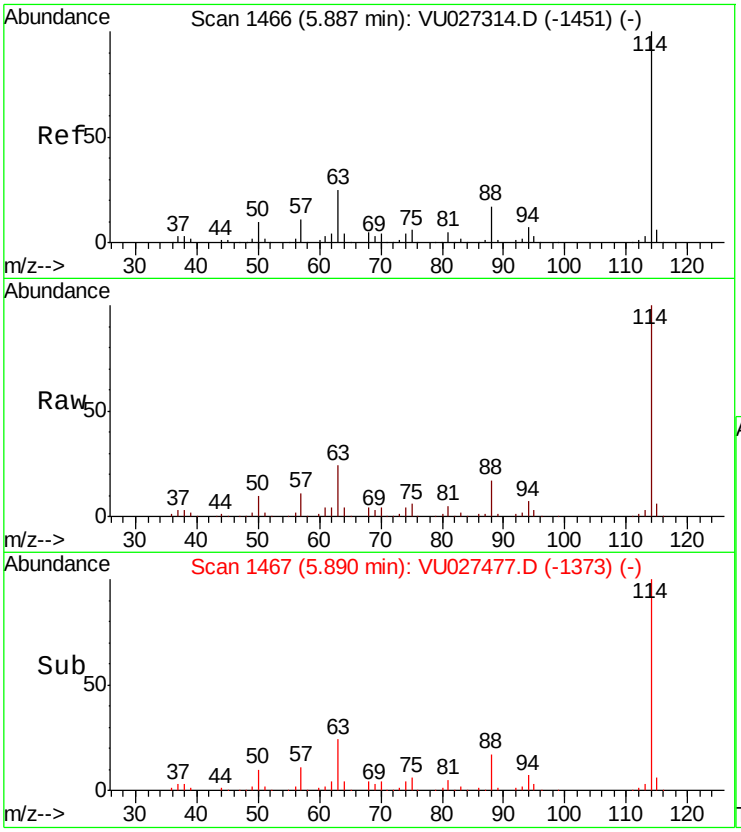


#33
1,2-Dichloroethane-d4
Concen: 57.716 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 65 Resp: 103176

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.8



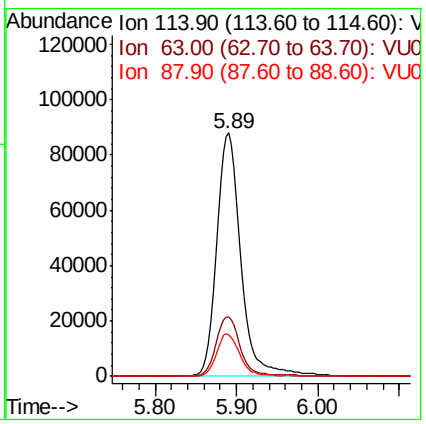


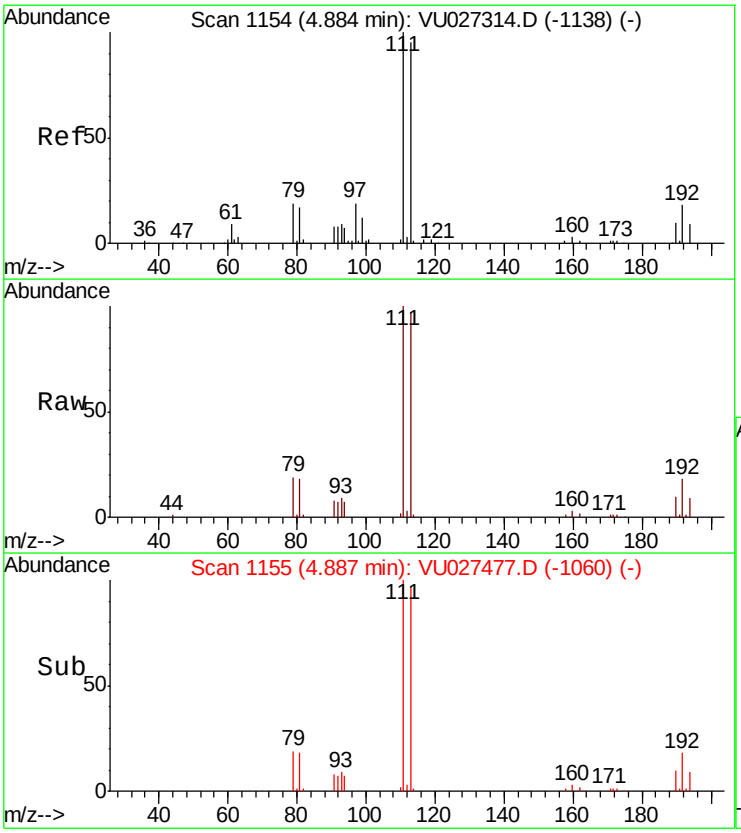
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion:114 Resp: 185341

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.2
88	17.2	0.0	33.8

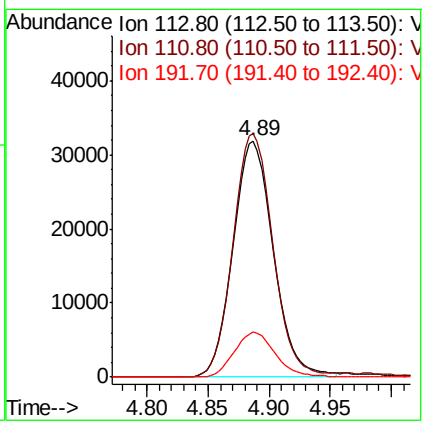


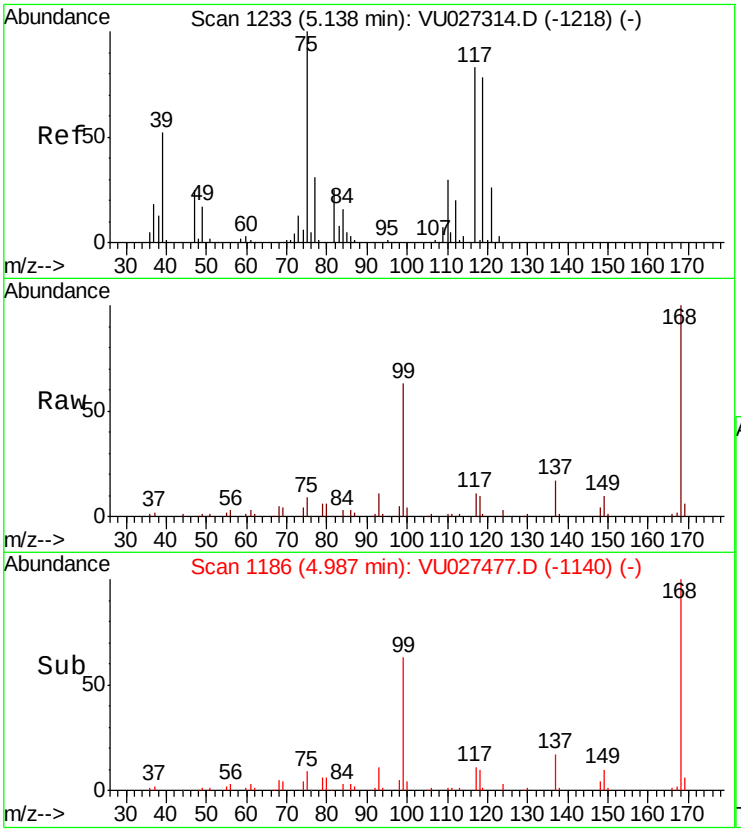


#35
Dibromofluoromethane
Concen: 57.568 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion:113 Resp: 73123

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	19.4	15.4	23.0



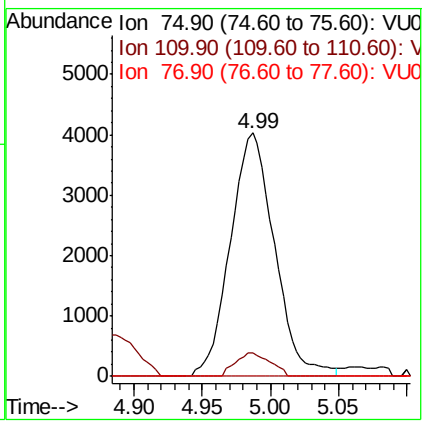


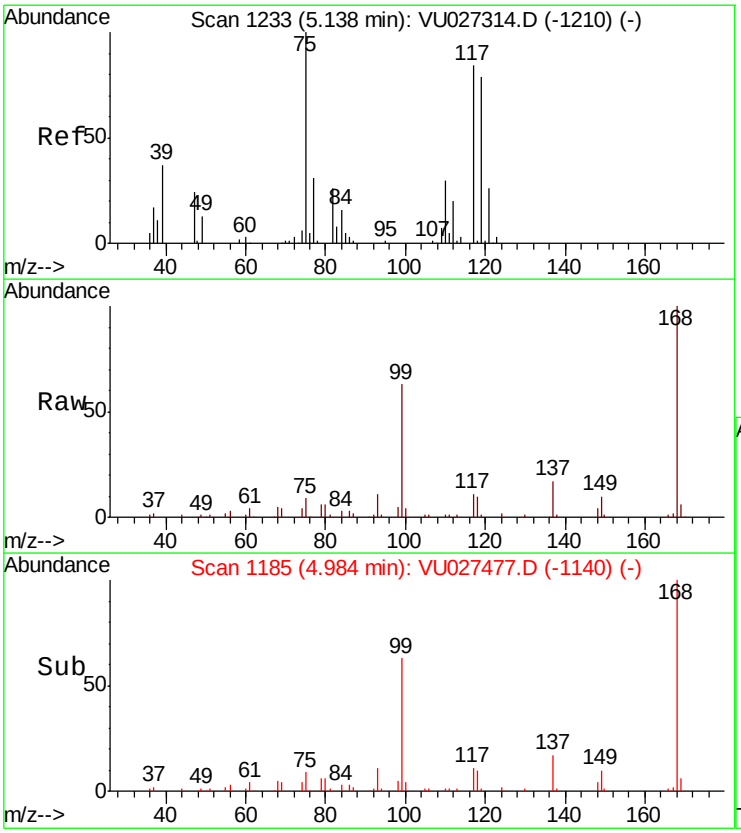
#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 75 Resp: 9087

Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.5	46.5#
77	0.0	25.4	38.0#

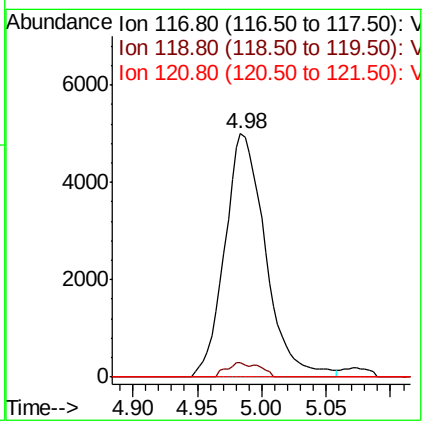


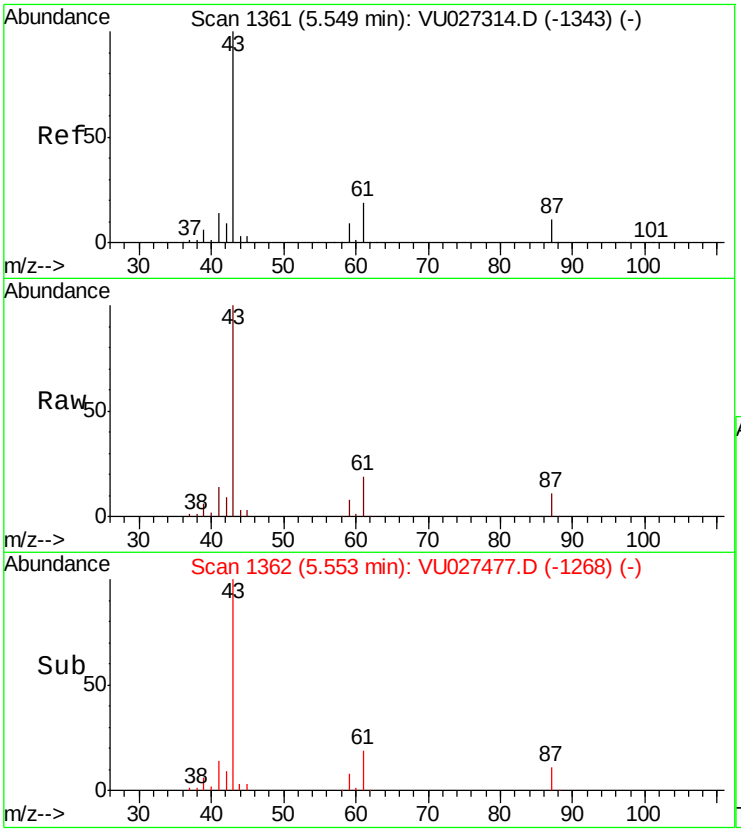


#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion:117 Resp: 10992

Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.5	111.7#
121	0.0	24.6	37.0#



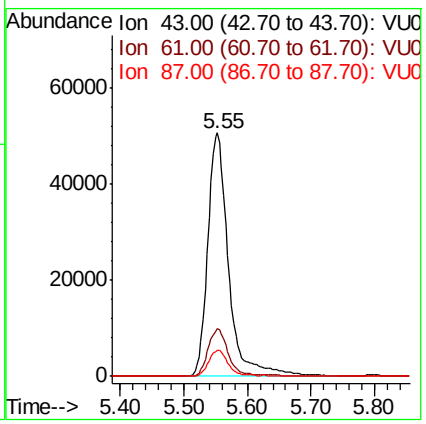


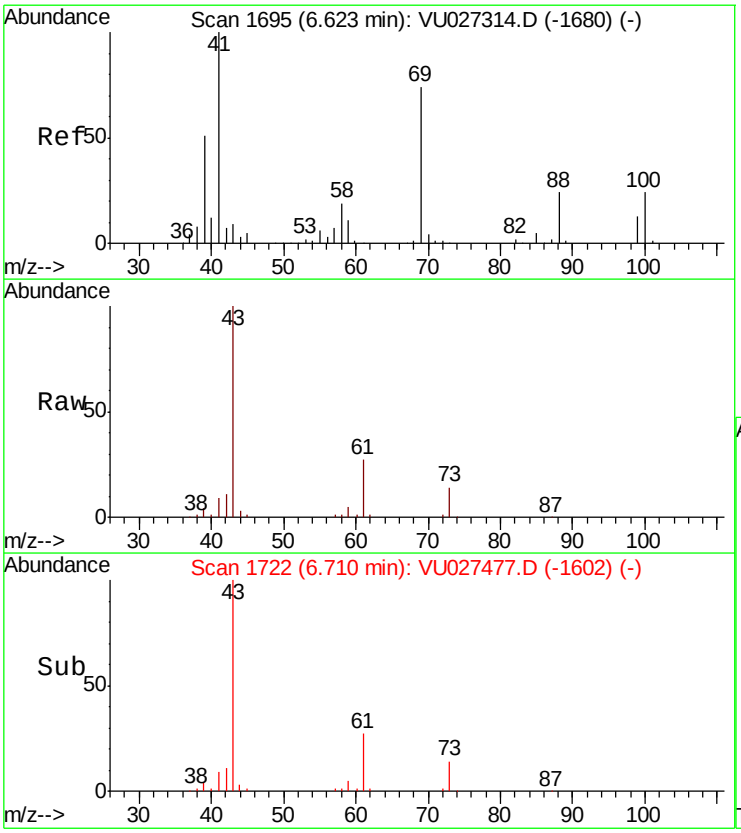
#43
Isopropyl Acetate
Concen: 28.504 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 43 Resp: 115137

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.3	22.9
87	10.1	8.6	13.0

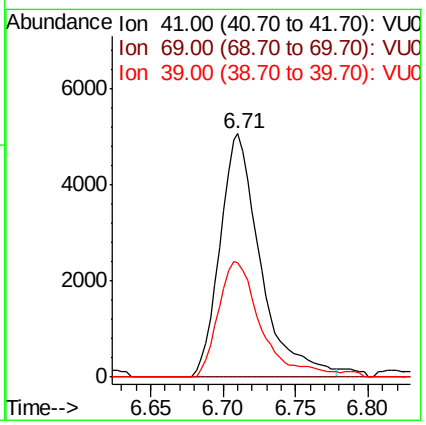


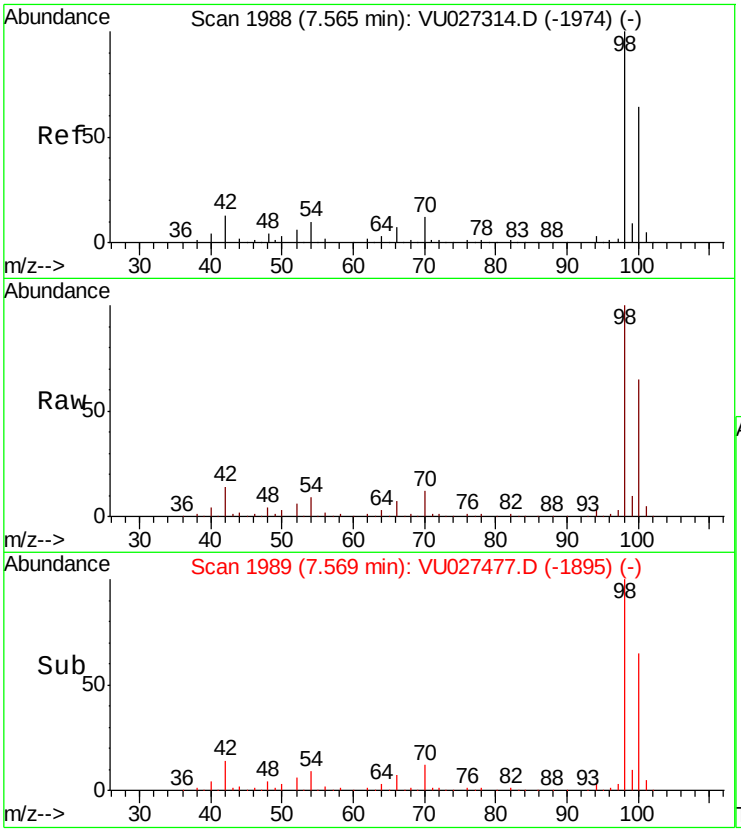


#48
Methyl methacrylate
Concen: 4.916 ug/l
RT: 6.71 min Scan# 1722
Delta R.T. 0.09 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 41 Resp: 9874

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.0	91.4#
39	49.9	39.9	59.9



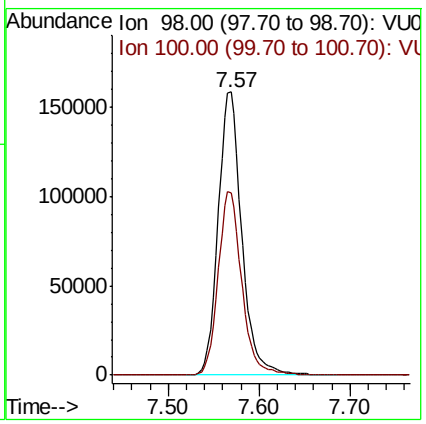


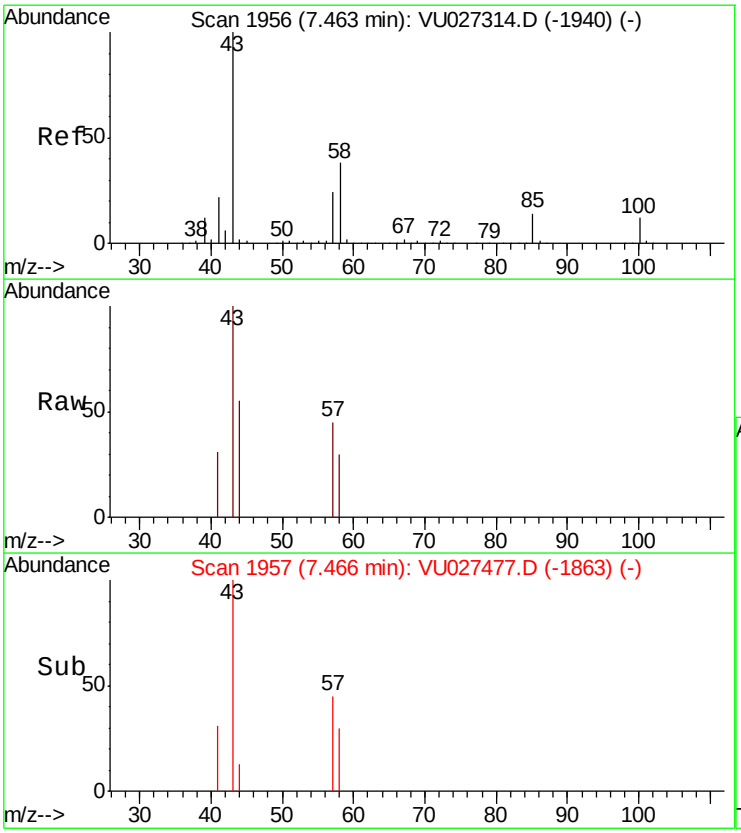
#50
Toluene-d8
Concen: 59.978 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 98 Resp: 285133

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1

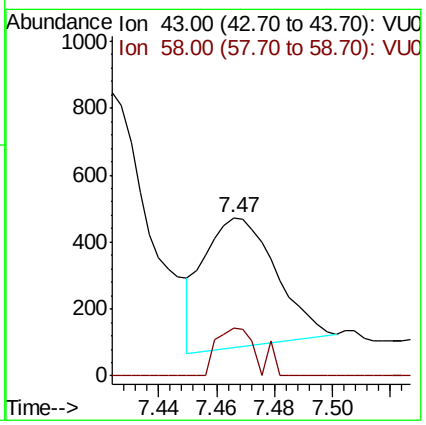


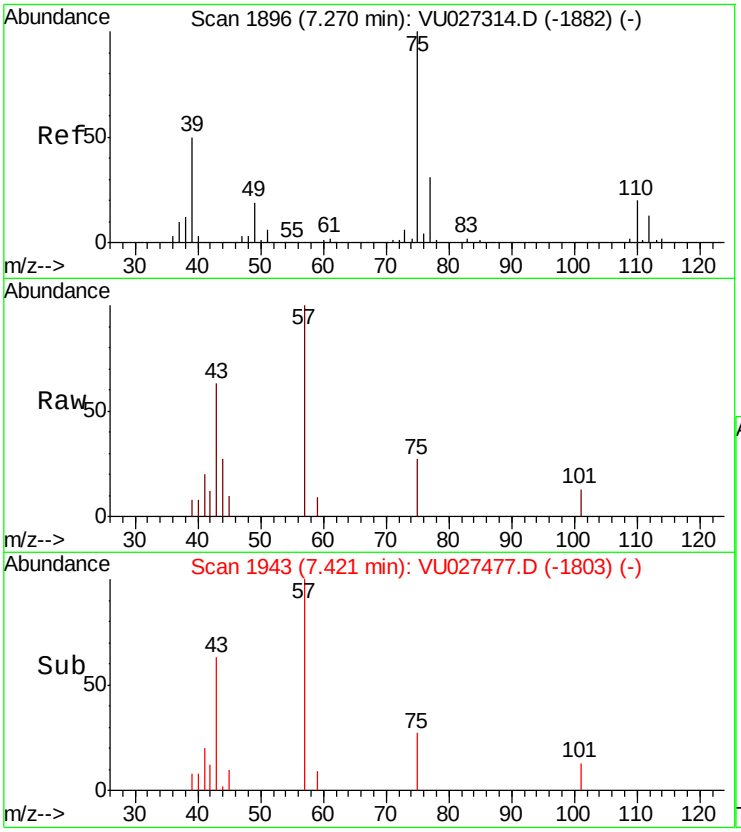


#51
4-Methyl-2-Pentanone
Concen: 0.254 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 43 Resp: 668

Ion	Ratio	Lower	Upper
43	100		
58	21.0	29.8	44.8#



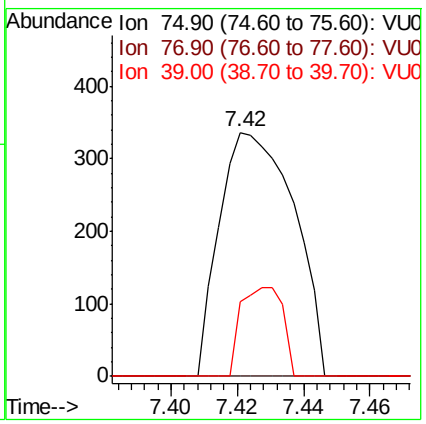


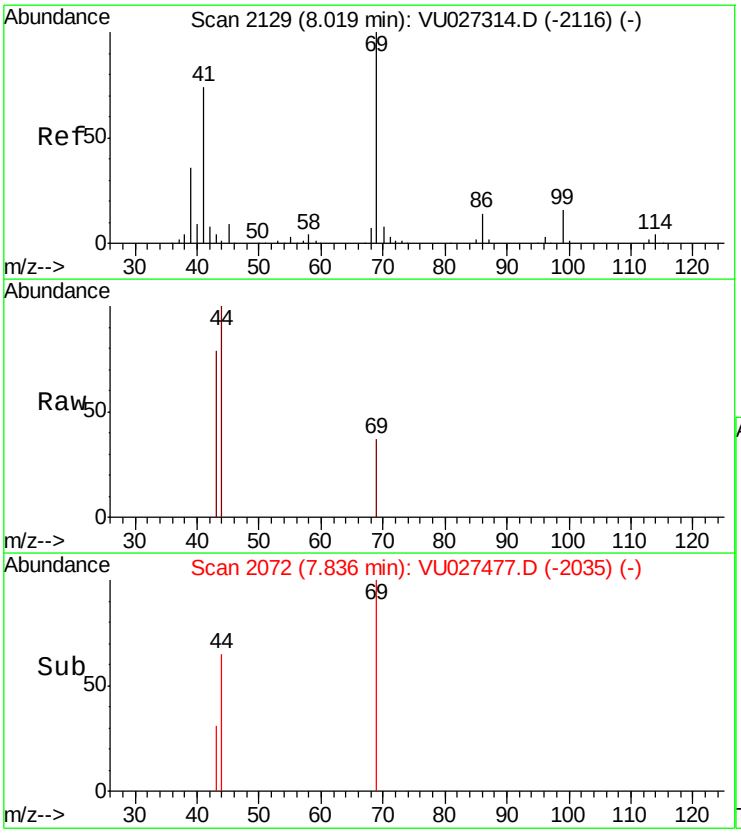
#54
cis-1,3-Dichloropropene
Concen: 0.211 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 75 Resp: 526

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.5	36.7#
39	30.7	40.1	60.1#

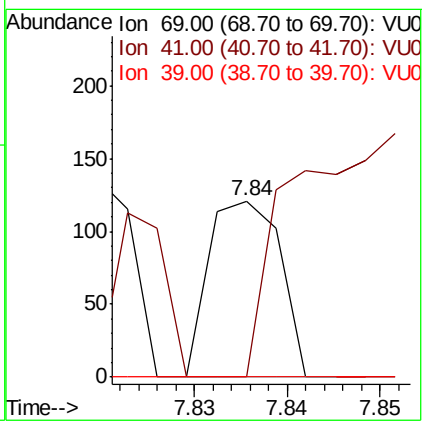


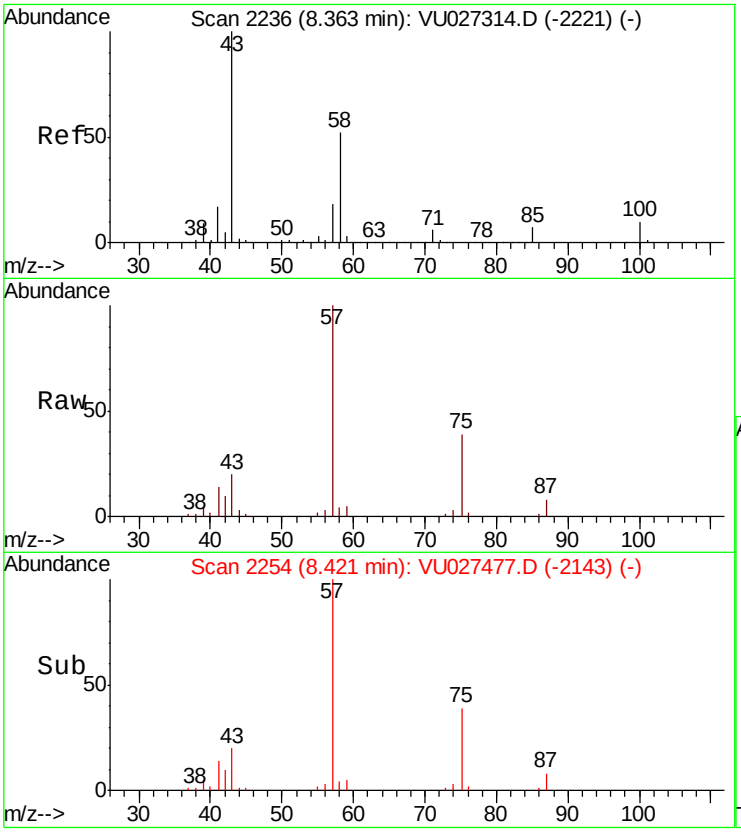


#56
Ethyl methacrylate
Concen: 2.295 ug/l
RT: 7.84 min Scan# 2072
Delta R.T. -0.18 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 69 Resp: 65

Ion	Ratio	Lower	Upper
69	100		
41	335.4	60.0	90.0#
39	0.0	29.5	44.3#



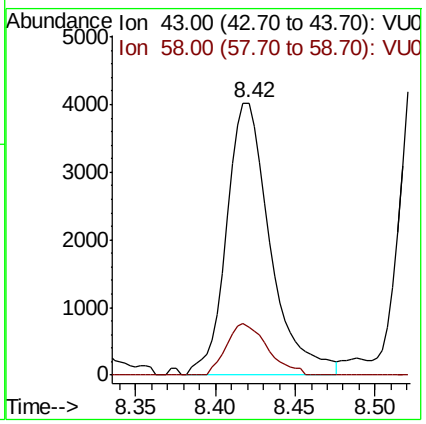


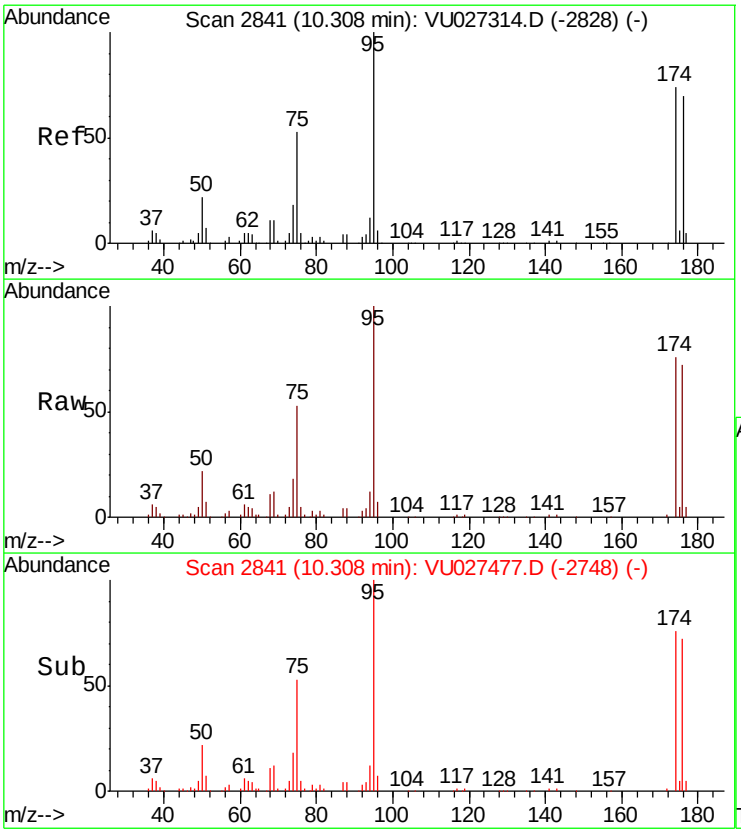
#59
2-Hexanone
Concen: 3.695 ug/l
RT: 8.42 min Scan# 2254
Delta R.T. 0.06 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 43 Resp: 7524

Ion	Ratio	Lower	Upper
43	100		
58	17.7	26.1	78.3#

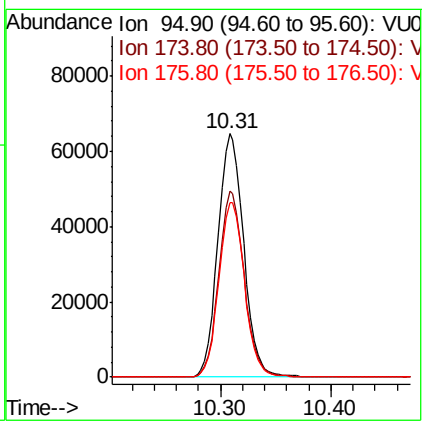


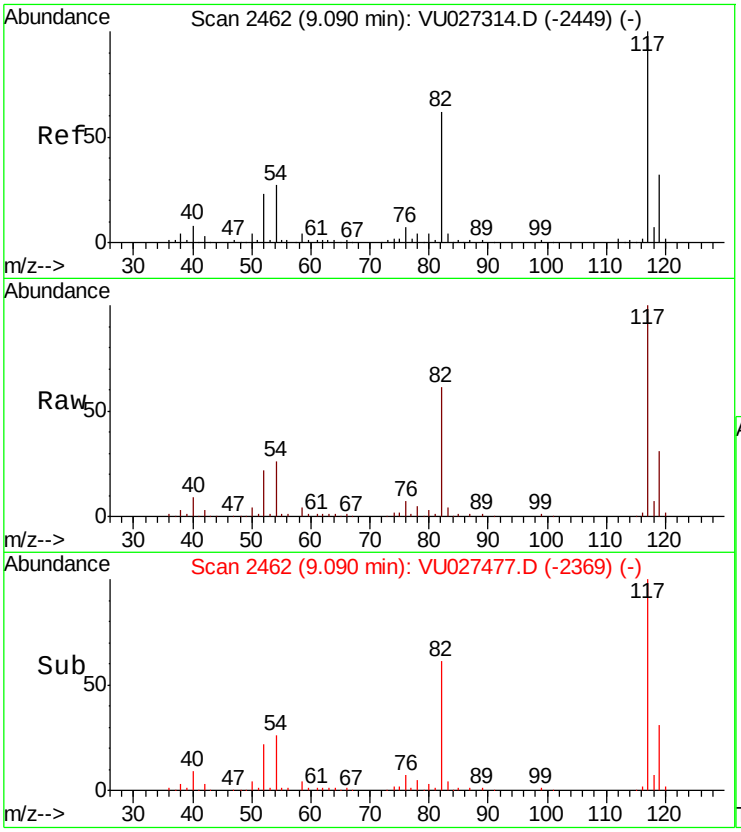


#62
4-Bromofluorobenzene
Concen: 59.321 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 95 Resp: 104806

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	147.8
176	71.5	0.0	140.8



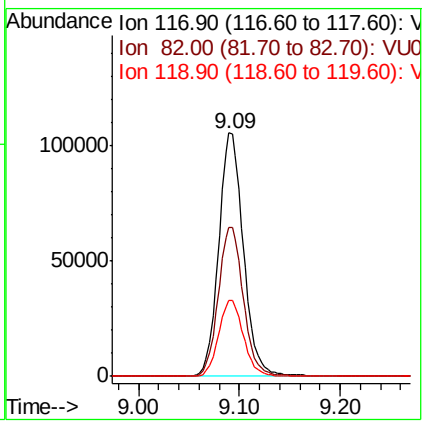


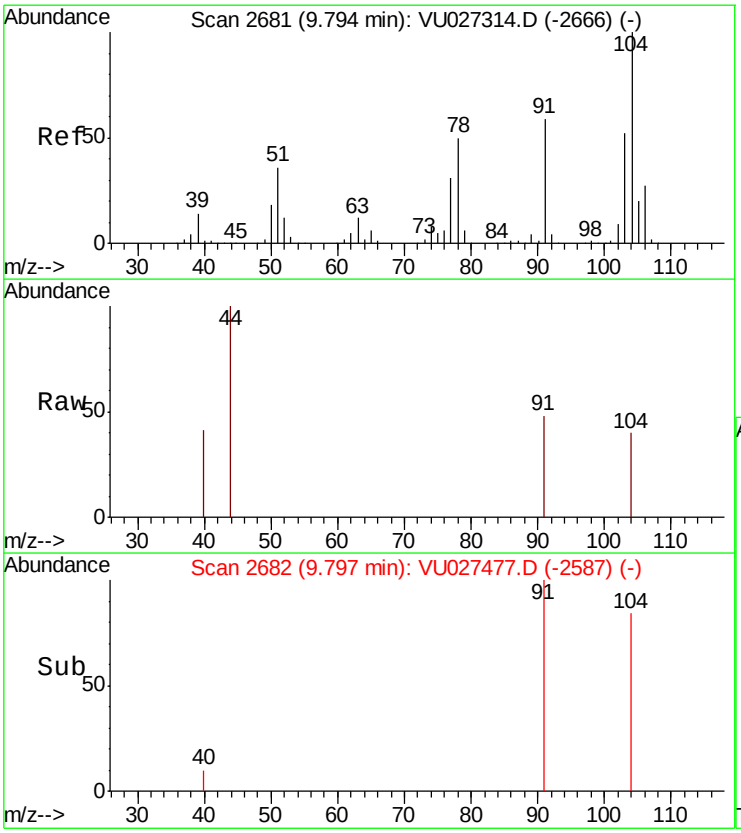
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion:117 Resp: 180528

Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.2	73.8
119	31.1	25.7	38.5

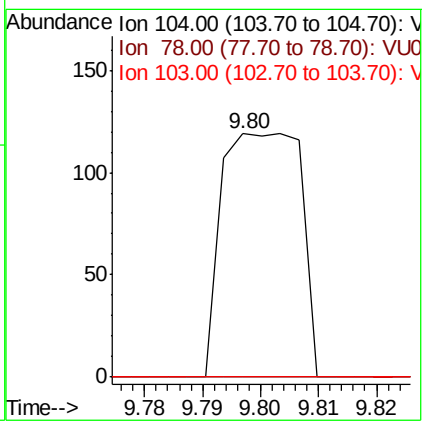


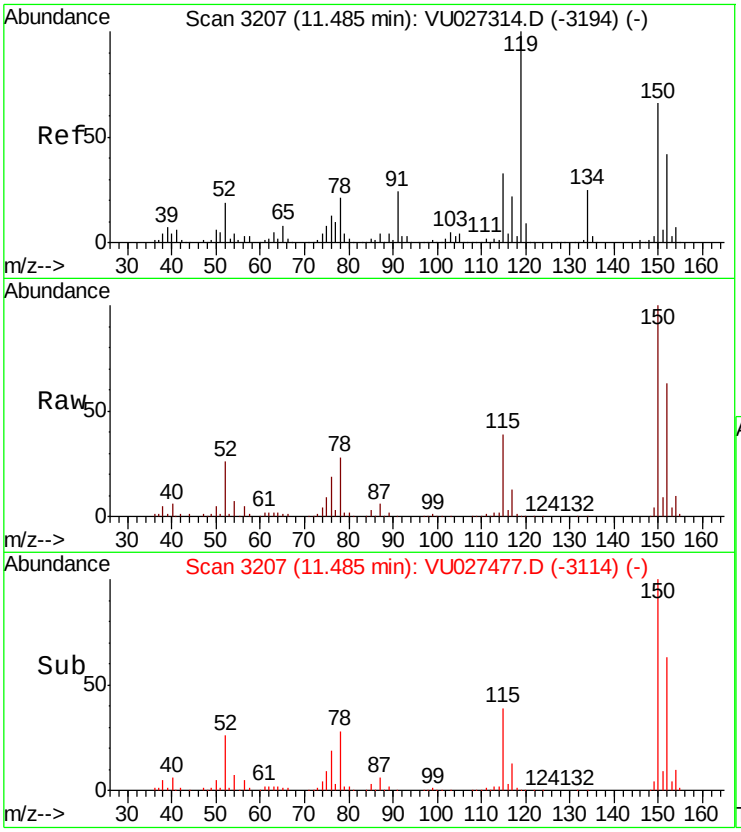


#70
Styrene
Concen: 2.324 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion:104 Resp: 112

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.9	64.3#
103	0.0	43.9	65.9#



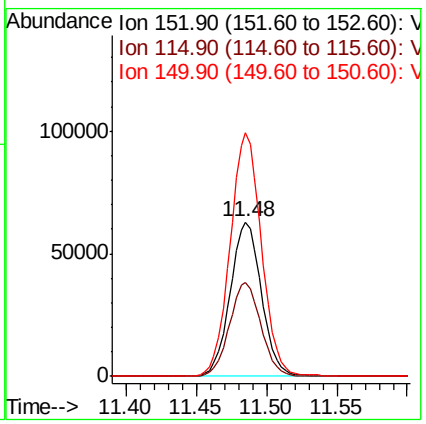


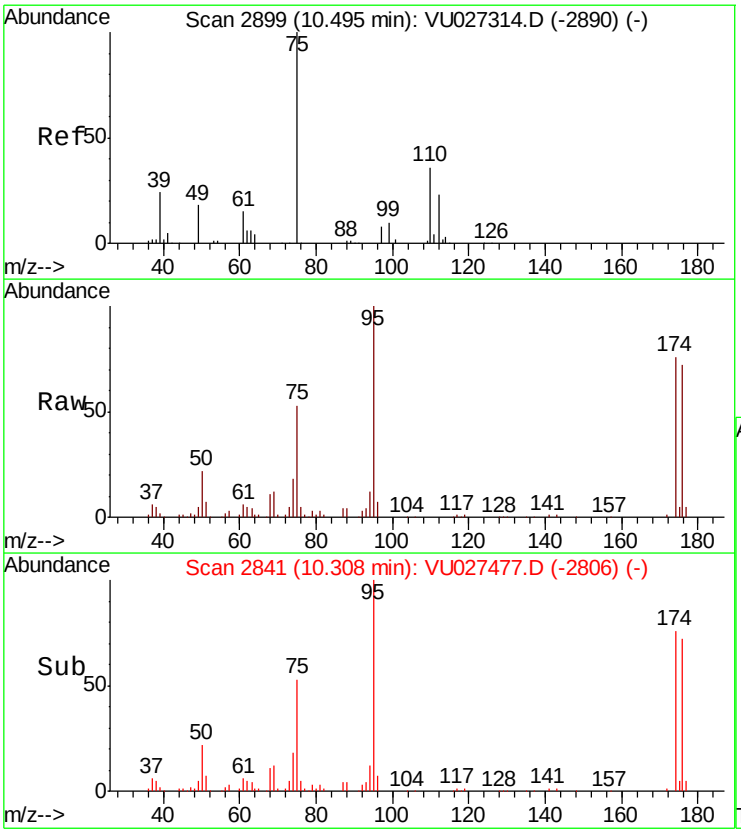
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion:152 Resp: 97682

Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.4	130.2
150	158.2	0.0	349.2

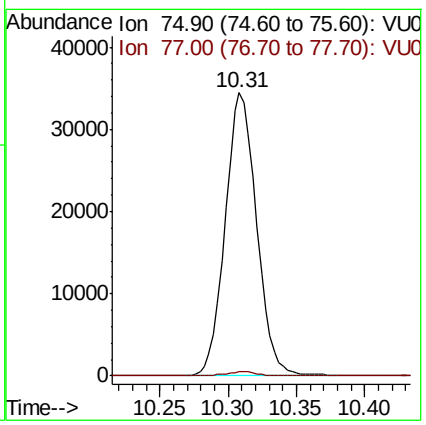


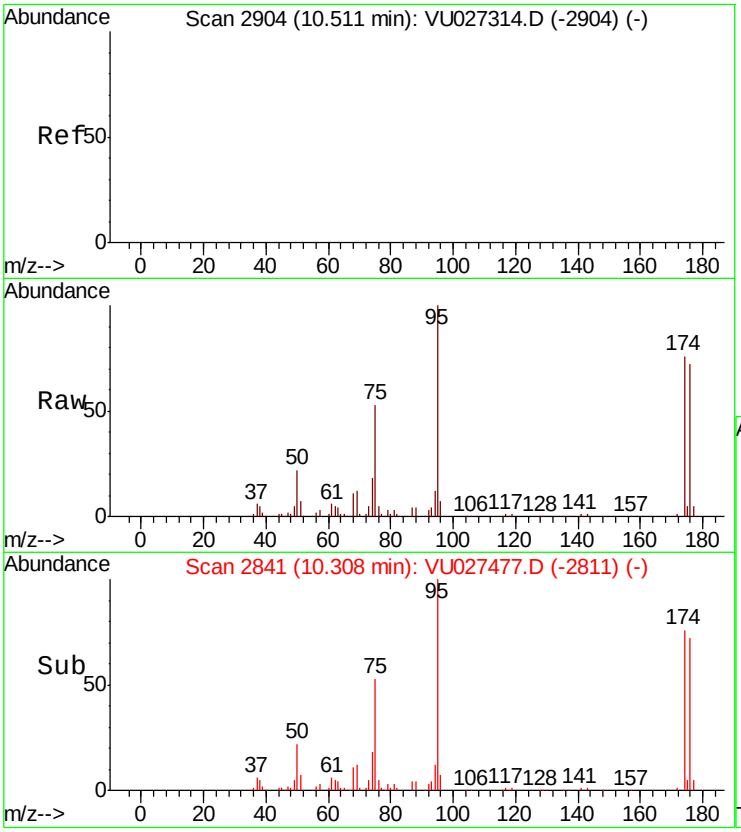


#76
1,2,3-Trichloropropane
Concen: 21.749 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion: 75 Resp: 55072

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.3	60.9#



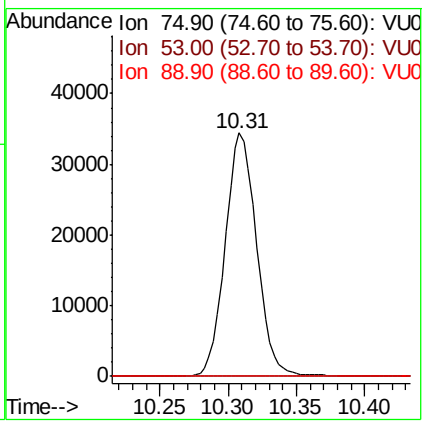


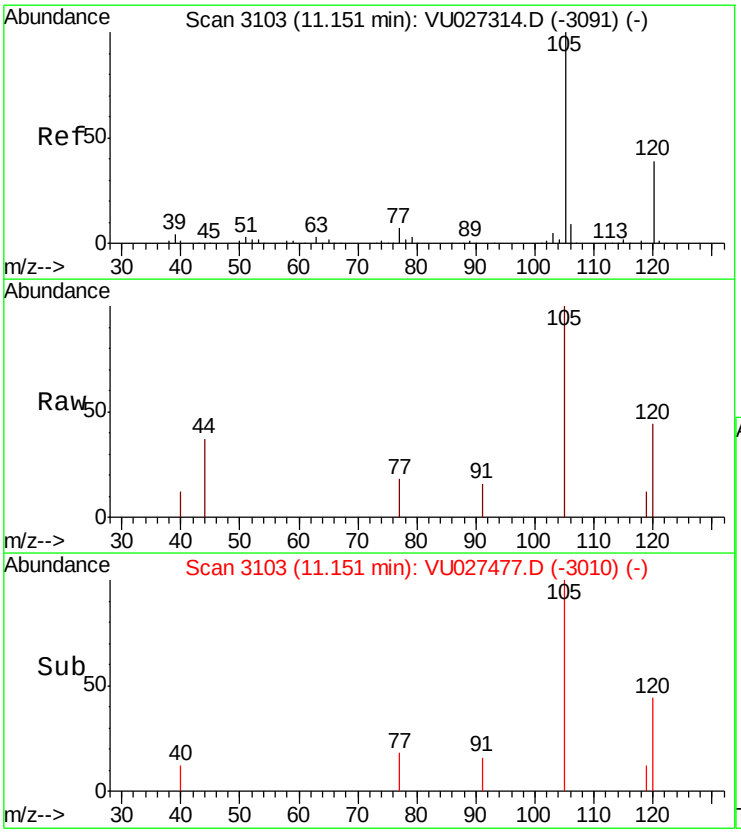
#81
trans-1,4-Dichloro-2-butene
Concen: 56.920 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument :
MSVOA_U
ClientSampleId :
TR-05-100418

Tgt Ion: 75 Resp: 55072

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

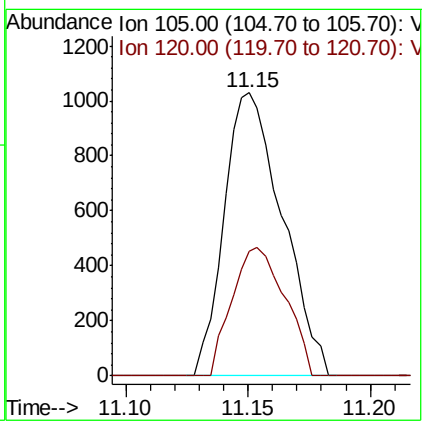


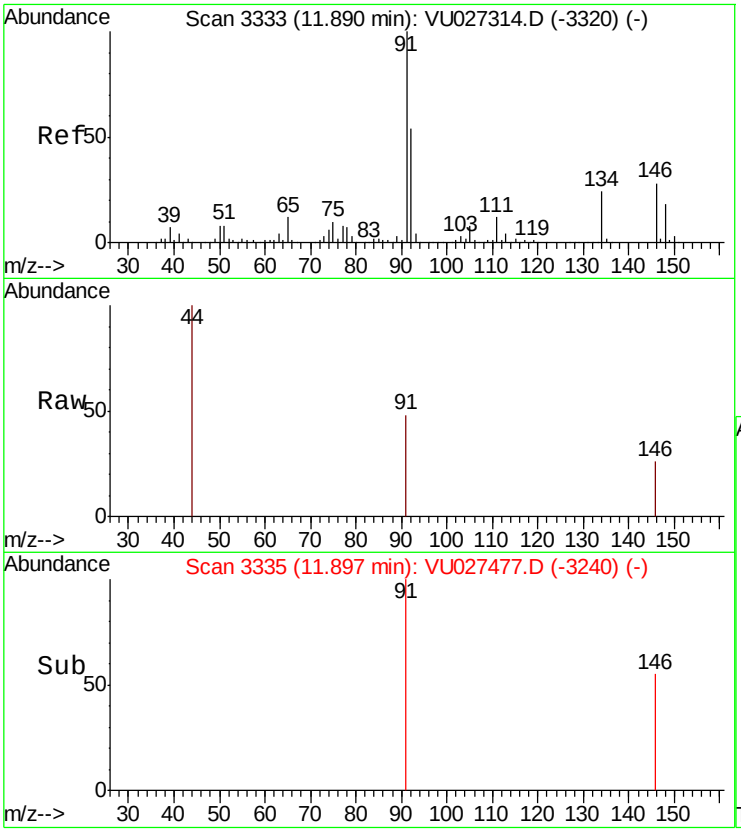


#84
1,2,4-Trimethylbenzene
Concen: 0.289 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion:105 Resp: 1703

Ion	Ratio	Lower	Upper
105	100		
120	41.5	22.1	66.5



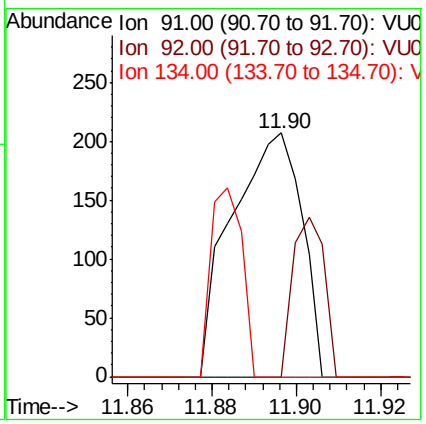


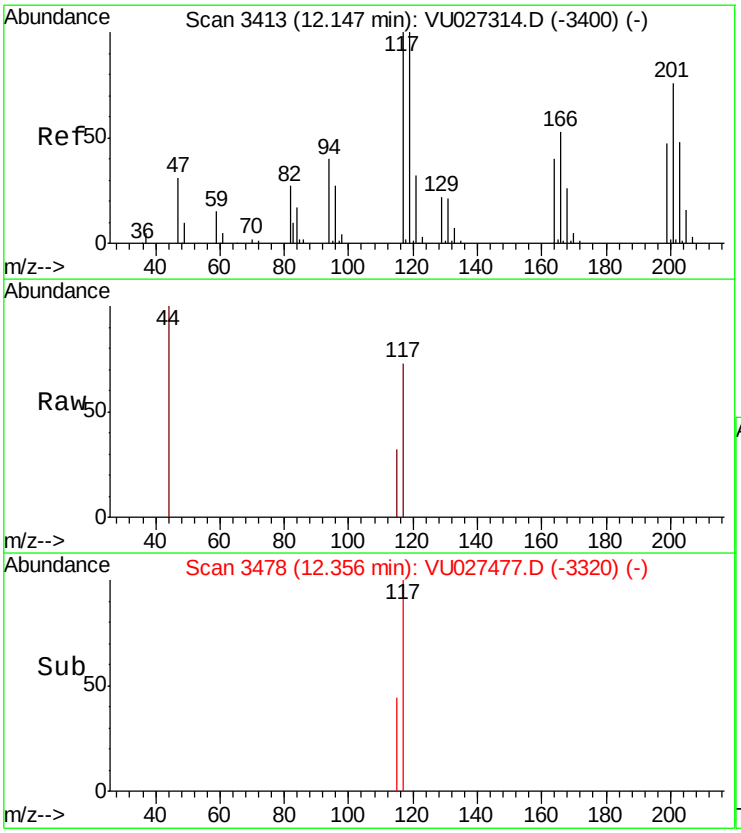
#89
n-Butylbenzene
Concen: 1.985 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : TR-05-100418

Tgt Ion: 91 Resp: 239

Ion	Ratio	Lower	Upper
91	100		
92	29.3	27.0	81.0
134	34.7	11.7	35.1

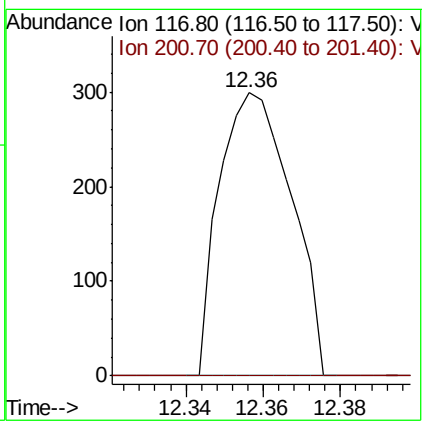


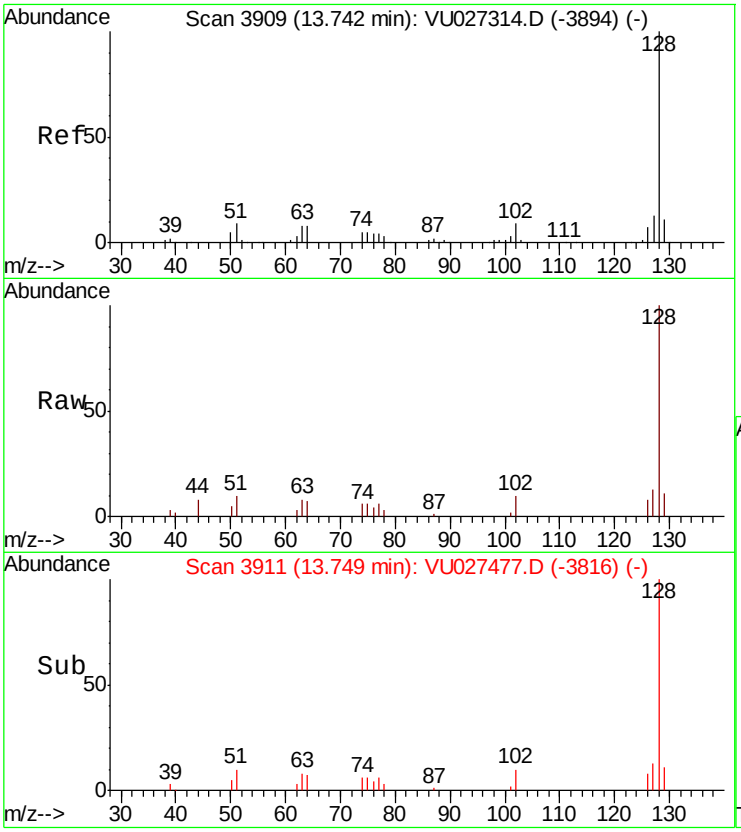


#90
Hexachloroethane
Concen: 0.340 ug/l
RT: 12.36 min Scan# 3478
Delta R.T. 0.21 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Tgt Ion:117 Resp: 386

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.9	113.6#





#95
Naphthalene
Concen: 3.548 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU027477.D
Acq: 06 Oct 2018 00:35

Instrument :
MSVOA_U
ClientSampleId :
TR-05-100418

Tgt Ion:128 Resp: 14424

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.5	15.7#
129	10.1	8.6	12.8